

TT104, LLC

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MARINE VESSELS VAPOR TIGHTNESS DOCUMENTATION

REQUIRED SUBPART BB-NATIONAL EMISSION STANDARDS FOR BENZENE EMISSIONS FROM TRANSFER OPERATIONS SECTION 61.00-61.306

VESSEL: CBC 1113 OFFICIAL NUMBER: 1314842
TESTING LOCATION: TT104 MAXIMUM LOADING RATE (BPH) 3,500
TANK(S) TESTED: ALL PRESSURE INDICATOR: MANOMETER
VESSEL OWNER AND ADDRESS: CAMPBELL TRANSPORTATION CO. INC.
FOXPOINT CENTRE BLDG ONE, 201 S. JOHNSON RD., STE 303, HOUSTON, PA. 15342-1351

TEST RESULTS

TEST DATE: 10-3-25
BEGINNING PRESSURE: 28" of H2O BEGINNING TIME: 0800
ENDING PRESSURE: 28" of H2O ENDING TIME: 0830
TOTAL PRESSURE LOSS: 0 ALLOWABLE PRESSURE LOSS: 4" of H2O

NOTE: VESSEL IS CONSIDERED VAPOR TIGHT IF "TOTAL PRESSURE LOSS" IS LESS THAN "ALLOWABLE PRESSURE LOSS"

THIS VESSEL HAS BEEN TESTED IN ACCORDANCE WITH SECTION 61.304F, AND IS CONSIDERED VAPOR TIGHT.

TESTER: Michah Bailey (PRINT) WITNESS: CHUCK HASSELL (PRINT)
TESTER: [Signature] (SIGN) WITNESS: [Signature] (SIGN)
TT104, LLC
AFFILIATION OF WITNESS

CALCULATION OF ALLOWABLE PRESSURE LOSS:

$$0.861 \times \frac{15.7}{(\text{TP})} \times \left(\frac{3,500}{(\text{L})} / \frac{10,959}{(\text{V})} \right) = \frac{4.32}{(\text{APL})}$$

TP = 14.7 PLUS THE BARGE TEST PRESSURE IN PSI (1psi = 16 ounces)

L = MAXIMUM LOADING RATE IN BARRELS PER HOUR

V = VOLUME OF TANK(S) IN BARRELS

APL = ALLOWABLE PRESSURE LOSS IN INCHES OF WATER

NOTES: 14.70psi = 406.8 inches of H2O
1psi = 27.67 inches of H2O
1 inch = 25.40 mm
1inch = 2.54 cm
1oz. = 1.729 inches OF H2O

SPECIAL NOTE:

The vapor header's pressure gauge
Was found to be accurate within
10% of manometer reading.